

Converting Colors

Yxy(84.3408, 0.3299, 0.4227)

Have a look what the booklet for
Yxy(84.3408, 0.3299, 0.4227)
contains.

Yxy(84.3409, 0.3299, 0.4227)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(84.3409, 0.3299, 0.4227)

Conversions

Conversions Part 1

Format	Color
Hex	CAFBA7
RGB	202, 251, 167
RGB Percent	79%, 98%, 65%
CMY	0.2079, 0.0156, 0.3451
CMYK	0.20, 0.00, 0.33, 0.02
HSL	95°, 91%, 82%
HSV	95°, 33%, 98%
XYZ	65.8246, 84.3409, 49.3635
YIQ	226.7730, -2.2400, -36.5120

Conversions

Conversions Part 2

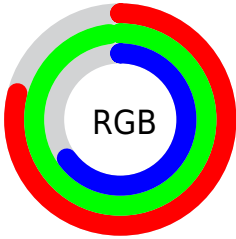
Format	Color
RYB	167, 251, 216
Decimal	13302695
CIELab	93.60, -30.04, 35.32
CIElCh	94, 46.364, 130.377
Yxy	84.3409, 0.3299, 0.4227
Android (android.graphics.Color)	4291492775 (0xFFCAFBA7)
YUV	226.7730, -29.4681, -21.7259
Hunter-Lab	91.8373, -32.7750, 32.4171

Details

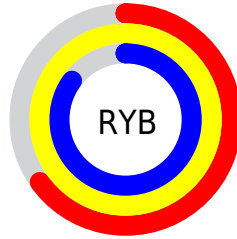
The Yxy color **84.3409, 0.3299, 0.4227** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **49.2015, 0.2886, 0.2384**, and the grayscale version is **76.8607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **46.0015, 0.3325, 0.4451** is the 20% darker color. If you saturate the color by 10%, you get **81.5576, 0.3337, 0.4540**, and if you desaturate by 10%, it is **87.5057, 0.3252, 0.3924**.

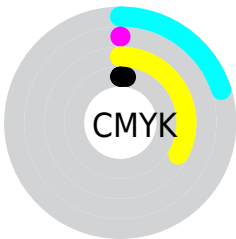
Distribution



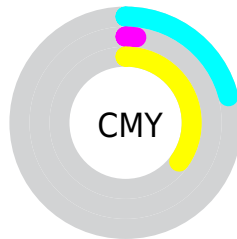
- Red (79%)
- Green (98%)
- Blue (65%)



- Red (65%)
- Yellow (98%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (2%)





- Cyan (21%)
- Magenta (2%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.3409, 0.3299, 0.4227 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 84.3409, 0.3299, 0.4227 by changing the saturation by 10% instead.


 84.3409, 0.3299,
0.4227


 84.3409, 0.3299,
0.4227


509.4446, 0.3235,
0.3786

 63.2969, 0.3310,
0.4328


 139.4519, 0.3280,
0.4073

 46.0815, 0.3320,
0.4454


 174.2878, 0.3272,
0.4014

 32.3101, 0.3331,
0.4613


214.4898, 0.3264,
0.3962

 21.5985, 0.3338,
0.4819

260.4422, 0.3257,
0.3918

 13.5622, 0.3336,
0.5096

312.5295, 0.3251,
0.3879

 7.8168, 0.3309,
0.5483


371.1361, 0.3245,


 3.9779, 0.3270,


0.3844


0.6150


436.6463, 0.3240,
0.3814


 1.6612, 0.2958,
0.7042


 0.3984, 0.0000,
1.0000


 84.3409, 0.3299,
0.4227

 84.3409, 0.3299,
0.4227


 81.5576, 0.3337,
0.4540


 87.5057, 0.3252,
0.3924


 79.1288, 0.3363,
0.4850

 91.0556, 0.3200,
0.3638

 77.0412, 0.3372,
0.5142

 95.0084, 0.3146,
0.3375

 75.2759, 0.3362,
0.5397

 97.4809, 0.3129,
0.3252

■ 73.8115, 0.3332,
0.5600

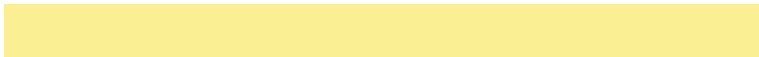
■ 72.6234, 0.3284,
0.5741

■ 71.9761, 0.3247,
0.5804

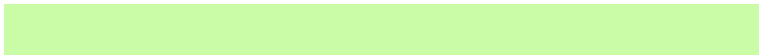
Harmonies

Analogous

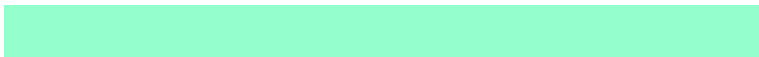
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3409, 0.3791, 0.4208



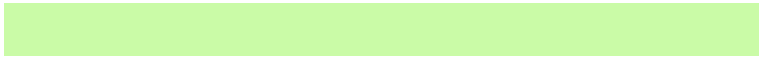
84.3409, 0.3299, 0.4227



84.3409, 0.2784, 0.3919

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3409, 0.3299, 0.4227



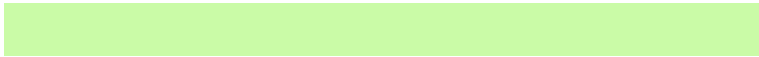
84.3409, 0.2209, 0.2570



84.3409, 0.3911, 0.3121

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84.3409, 0.3299, 0.4227



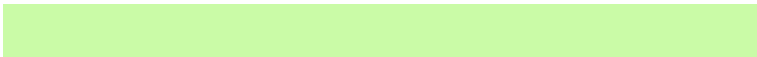
49.2015, 0.2886, 0.2384

Split Complementary

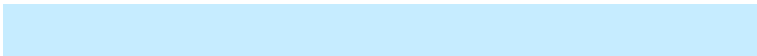
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3409, 0.3423, 0.2762



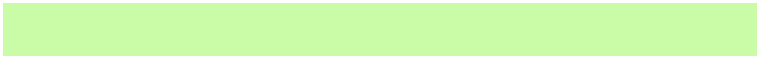
84.3409, 0.3299, 0.4227



84.3409, 0.2453, 0.2448

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3409, 0.3299, 0.4227



84.3409, 0.2184, 0.2900



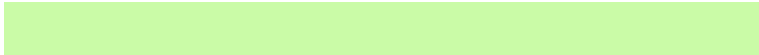
84.3409, 0.2885, 0.2523



84.3409, 0.4173, 0.3536

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3409, 0.3299, 0.4227



84.3409, 0.2498, 0.3583



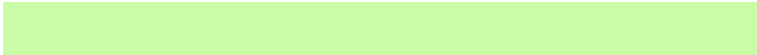
84.3409, 0.2885, 0.2523



84.3409, 0.3766, 0.2992

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84.3446, 0.3299, 0.4227



95.7513, 0.3182, 0.3544



72.4137, 0.3744, 0.3801



20.3742, 0.3189, 0.3582



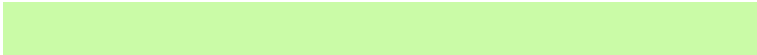
0.0000, 0.0000, 0.0000



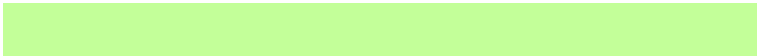
21.4041, 0.3127, 0.3290

Same Dimension

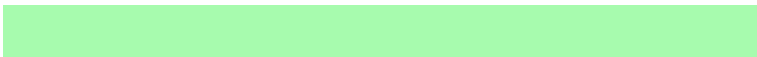
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3446, 0.3299, 0.4227



85.4859, 0.3325, 0.4432



80.2710, 0.3043, 0.4207



19.6623, 0.3179, 0.3531



37.9108, 0.3259, 0.5794



3.5718, 0.3351, 0.5721

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.2015, 0.2886, 0.2384



44.0771, 0.2824, 0.2193



54.6773, 0.3222, 0.2519



17.1434, 0.3071, 0.3051



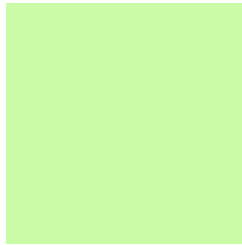
6.9834, 0.2194, 0.0982



0.7090, 0.2311, 0.1047

Previews

White Background



This preview shows how the Yxy color 84.3409, 0.3299, 0.4227 looks on a white background.

Color Contrast Check

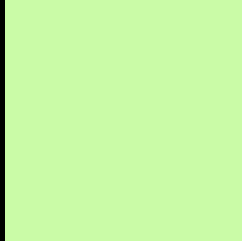
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 84.3409, 0.3299, 0.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

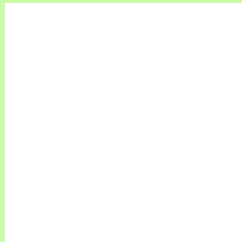
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3409, 0.3299, 0.4227

Background



This preview shows how black text looks on a background with the Yxy color 84.3409, 0.3299, 0.4227.

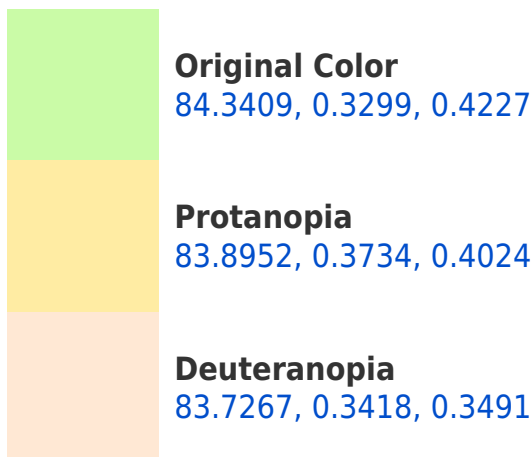


This preview shows how white text looks on a background with the Yxy color 84.3409, 0.3299, 0.4227.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

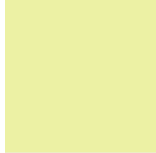
84.0131, 0.2906, 0.3125

Trichromacy



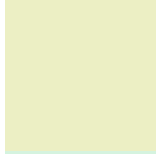
Original Color

84.3409, 0.3299, 0.4227



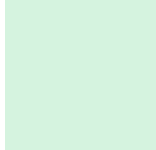
Protanomaly

83.4238, 0.3574, 0.4098



Deuteranomaly

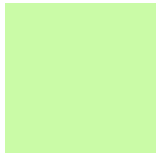
83.5514, 0.3377, 0.3741



Tritanomaly

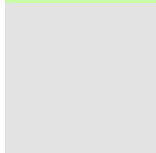
83.5750, 0.3053, 0.3504

Monochromacy



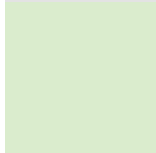
Original Color

84.3409, 0.3299, 0.4227



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

79.3041, 0.3199, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3409, 0.3299, 0.4227 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 251, 167)` looks like.

```
.text, #text, p{  
    color:rgb(202, 251, 167)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 251, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 251, 167) }
```

Border

The CSS property to change the border of an element to Yxy 84.3409, 0.3299, 0.4227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 251, 167) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(202, 251, 167) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(202, 251, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 251, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 251, 167);  
box-shadow:4px 4px 4px 4px rgb(202, 251,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3409, 0.3299, 0.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 251, 167) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
251, 167) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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